3 In/out Bridge Module



The SA203 3in/3out bridge module is equipped with three sets of signal input terminals and three sets of relay output terminals. Its primary function is to convert wired products into the wireless U-Net protocol through SA203. This allows for the integration of wired alarm systems into the U-Net environment, enabling the system (Gateway) to monitor input signals, control relay outputs, and establish trigger conditions for input signals to manage relay outputs.

This product utilizes the U-Net wireless two-way communication control method and can connect to the Gateway for smart home integration and functionality. It facilitates the creation of a smart home environment with additional U-Net features.

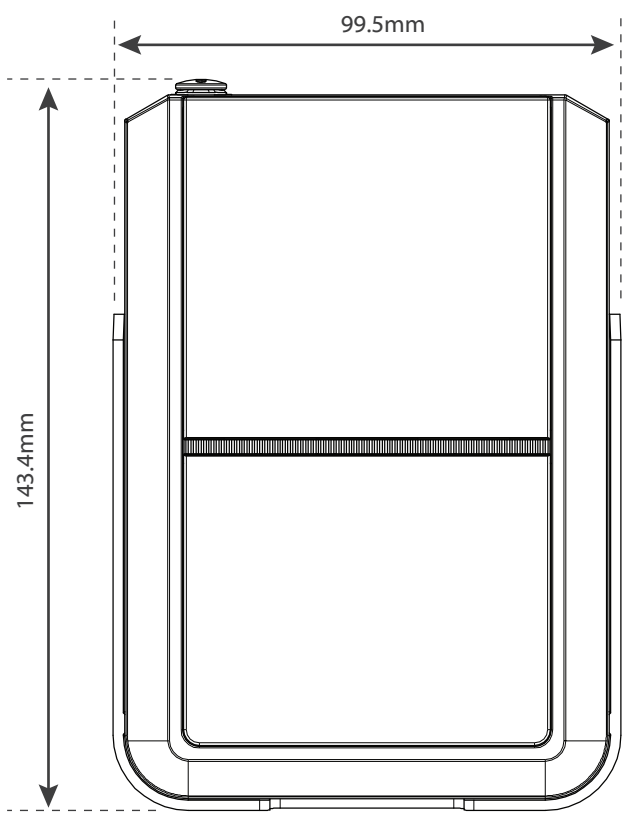
Main Feature

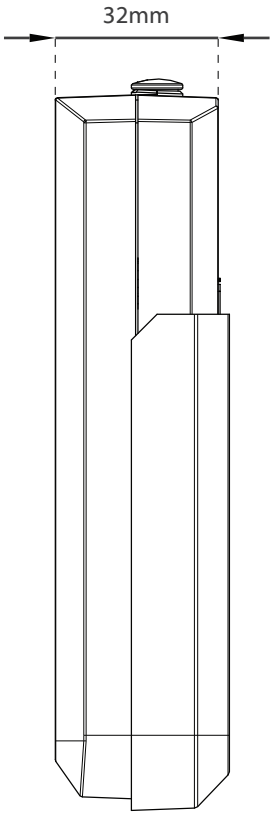
- Wireless two-way communication.
- 3 sets of signal input terminals support NC/NO dry contacts connected to the alarm system.
- 3 sets of relay output terminals support SPDT type with their own NC-COM-NO terminals connected to the alarm system.
- Notifications will be sent when a signal input is triggered by the alarm system.
- Notifications will be sent when there is a main power loss or recovery.
- Tamper protection is included.
- Parameters can be configured through the gateway.

Brief Product Specifications

Frequency range	868MHz (EU) / 923MHz (US)
RF protocol	U-Net 5.0
RF range(open space)	1Km
User interface	1 x Learn button, 1 x Tamper switch, 2 x Dual color LED
Input signal	3 x Input terminals, NC/NO Dry Contact or analog input(0 - 12V)
Output relay	1 x 10A (NO)/5A (NC) 24VDC, SPDT (Form 1C) 2 x 3A 24VDC, SPDT (Form 1C)

Main power	DC 9V-12V / 1A DC 12V / 1A Typical (wiring contact through Power terminal)
Backup power	4 x 1.5V AAA alkaline battery (backup when main power loss)
Operation temperature	-10 ~ 40°C
Operating humidity	0 ~ 85% RH
Dimension (mm)	99.5(W) x 32(D) x 143.4(H)
Weight(w/o battery)	216g





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